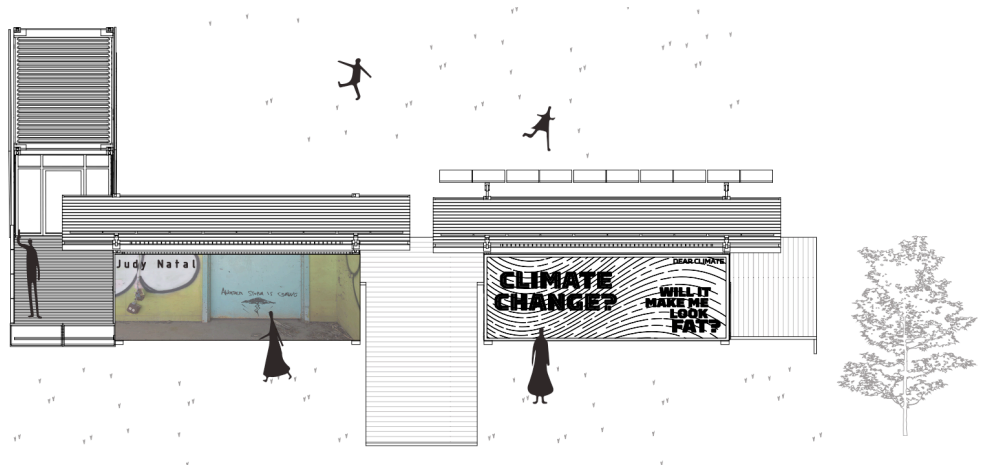


RICE BUILDING WORKSHOP
ARCH 330 (3 hr. credit)/
ARCH 630 (4 hr. credit)
SPRING 2016
AH 309 and on-site
T/[Th] 10:50- 12:05
Sat 9:00- 1:00 and/or
Sat 1:00-5:00*

*Please see page 3 for additional info regarding time commitment.



POP-UP GALLERY (8 weeks)



The Rice Center for Energy and Environmental Research in the Human Sciences (CENHS) is sponsoring an exhibit for FotoFest 2016 (March 12-April 24), 'Art and Energy' with commissioned installations by artists Judy Natal (*Another Storm Is Coming*) and Marina Zurkow (*Dear Climate*). Professors Dominic Boyer and Joe Campana envisioned a temporary 'Pop-Up' gallery; RBW was able to put CENHS together with MetaLab (Joe Meppelink and other RBW graduates), to reuse three existing container boxes, complete with interior build-out and off-grid

solar pv systems. They were placed on a prominent site on campus. The fall class worked closely with the artists and others to help define the parameters of the installations.

This semester, our responsibility is to have everything installed and complete for the opening of FotoFest in eight weeks. Much has been done, but much remains to do. As designers and implementers of this project, you will work closely with the artists, CENHS, MetaLab, MobileGrid (the solar company associated with MetaLab), FE&P, consultants, and one another. The implementation will include site utilization for indoor and outdoor display and activities, components such as ramps and connectors, interior installation and projection, audio, lighting, graphics, etc. There will be numerous discrete design and fabrication projects to be done.

DESIGN PROBLEM (4 weeks)

After the intensity of the FotoFest project, we will start a new design project or two, depending on how things develop:

- 1) We have a proposal in for Solar Decathlon 2017, and if that is accepted by the Department of Energy in January, then we will have some time to take a look at that design.
- 2) A new African-American Art Museum at Project Row Houses.
- 3) Last semester we worked on conceptual proposals for Recipe for Success, a food outreach program for public school students. The new facility, Hope Farms, includes facilities such as teaching spaces, market, and storage sheds, in addition to their farming activities, all off-grid. This is a collaboration between RBW and University of Houston, where a class spent the entire semester on design proposals.

SCHEDULE

January

Week 1	Orientation- Pop Up gallery- work on project
Week 2	Pop Up Gallery- work on project
Week 3	Pop Up Gallery- work on project

February

Week 4	Pop Up Gallery- work on project
Week 5	Pop Up Gallery- work on project
Week 6	Pop Up Gallery- work on project
Week 7	Pop Up Gallery- work on project

March

Week 8	<i>Mid-Term Recess</i> - Pop Up gallery- work on project
Week 9	Final work week; FotoFest opens 11 March
Week 10	Begin design problem
Week 11	Continue design problem
Week 12	Continue design problem- preliminary review

April

Week 13	Design problem- final presentaion
Week 14	<i>Charrette Week</i> (work schedule to accommodate)
Week 15	<i>Jury Week</i> (work schedule to accommodate)

GRADING CRITERIA

A	Excellent work, exemplary leadership
B	Above average work
C	Acceptable work
D	Unsatisfactory work

The semester grade will be weighted as follows:

- 20% Contribution to class work and discussions, regular attendance, and active involvement in reviews and presentations with clients and consultants.
- 20% Contribution to design development and project documentation
- 40% Contribution to construction work
- 20% Design problem

COURSE OBJECTIVES AND LEARNING OUTCOMES

- Students will work on real projects of limited scale, in a community context, with social ambitions.
- Students will manage projects from programming, through design and detailing, to implementation and completion.
- Students will collaborate with client groups, consultants and professionals, with contractors and subcontractors, and with one other, to achieve common project goals.

STUDENT PERFORMANCE CRITERIA ADDRESSED:

A.8 Cultural Diversity and Social Equity.

B.1 Pre-Design

B.8 Building Materials and Assemblies

C.3 Integrative Design

D.2 Project Management

TOPICAL OUTLINE:

- Client meetings and programming 25%
- Conceptual design and presentations 25%
- Detail design and prototyping 50%.

TIME COMMITMENTS AND ATTENDANCE

The spring RBW seminar is dual listed as a three- and four-credit-hour course, and in some ways this will suggest the level of commitment for each student. This difference is not undergrad/grad, but what commitment you wish to make for the term. Typically, for the first 8 weeks, class will be held on Tuesday mornings to plan the week's work, and on-site work will occur on Thursday mornings, and morning and afternoon sessions on Saturdays. Three hour students will be expected to work on Thursday and one session on Saturday; four hour students should plan to work on Thursday, and both sessions on Saturdays. To be clear, **all** students are expected to demonstrate the same level of commitment: the design belongs to the entire seminar and its exigencies must be shared equally by all. There will be some flexibility for individual students to schedule their commitments to fit their schedules. During the final four weeks, classes will be on T/Th at the regular meeting time.

RICE HONOR CODE

In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at <http://honor.rice.edu/honor-system-handbook/>. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.

DISABILITY SUPPORT SERVICES

If you have a documented disability or other condition that may affect academic performance you should: 1) make sure this documentation is on file with Disability Support Services (Allen Center, Room 111 / adarice@rice.edu / x5841) to determine the accommodations you need; and 2) talk with either of us to discuss your accommodation needs.

SYLLABUS CHANGE POLICY

This syllabus is only a guide for the course and is subject to change with advance notice.

Instructor: Danny Samuels **RBW Fellow:** Eric Hester

Office: AH 302

Email: samu@rice.edu

Office Hours: By appointment



Photograph by Judy Natal